

November 03, 2003

Project 184 Weekly Update
Website: www.project184.org

Summary of Environmental Planning and Compliance Activities
For Project 184
Week Starting November 3, 2003

Mill to Bull Tunnel

The resources agencies were notified this week of the District's authorization for Macauley Construction to proceed with the Alder spoils transfer area work. The notification included a description of the District's and Macauley's contingency plans for possible inclement weather. EN2 (K. Pence) inspected Macauley construction equipment to be mobilized to the site at the beginning of next week.

Canal Bench Restoration

EN2 (K. Quidachay, K. Pence and B. McKoy) completed post-construction photo-documentation of the historic rock walls and other sites to be protected under the Historic Properties Management Plan. The photo-documentation will be submitted to the USFS as part of a comprehensive report documenting avoidance of impacts to the protected resources during Canal Bench restoration. Photo-documentation, plant identification, and sketches of stream crossings to be revegetated in 2004 per the Corps and SWRCB permits were also completed for preparing planting plans for each of the crossings.

Mill Creek Bore Hole (Diversion Tie-In to Mill to Bull Tunnel)

Remaining District comments on the Draft Initial Study and Proposed Negative Declaration are due to EN2 by October 31.

Lake Aloha Telemetry and Dam Maintenance

District and EN2 representatives conducted an October 29 field visit with USFS representatives to the project site. A preliminary scope of work was developed and is being reviewed by the District for completing the required Historic Properties Management Plan National Register of Historic Places eligibility evaluation of the Main Dam and Auxiliary dams.

Echo Lake Conduit Repairs

The District received EN2's draft report on the potential environmental resource and regulatory issues (e.g., listed species, permitting, and scheduling) that will need to be addressed for the interim and long-term repairs of the conduit system. District staff is currently reviewing the draft report and associated options for the next phase of planning activities.

Alder Creek Spoils Handling Site Restoration:

The District Board has awarded the restoration contract for the Alder spoils transfer area work to Macauley Construction at its last Board meeting. Construction is scheduled to start work October 29, Wed or October 30 Thurs and take about 2-3 weeks total. SWPP measures/BMPS will be installed in advance of earth moving in the restoration work areas. The project inspectors, Gary Bischel and Ken Pence will be on-site daily during initial work and also prior to and during forecasted rain events to direct the contractor on SWPPP actions. If you have any questions regarding the District's plans to wrap-up this final element of the Mill to Bull Tunnel project activities, please feel free to contact the District's Project Manager, Dan Downey, at (530) 642-4176 or me.

Note: Higher flows are expected beginning October 28th through the end of the year in Silver Creek, Caples Creek, and South Fork of the American River. Our flows in the canal system will also be increased to maximum flow levels while we commence dynamic flume testing, and Power Generation.

Powerhouse Update:

Unit #1 & Unit #2 will be both released by PG&E for load rejection testing on Wednesday this week. Both units will be generating this week.

Canal

The flows in the canal are being increased to maximum flow levels while we commence dynamic flume testing, and Power Generation. The canal is being patrolled on a daily basis and there have been no major problems found which would prevent the canal to be filled to its capacity. SCADA is being manned 24 hours a day to insure the reliable and safe operation of the canal.

The residence houses located on the canal will be filled by Camp #5 Hydro employees which will insure the reliable and safe operation of the canal.

Goodfellows is still hauling concrete sections of flume from the staging area to Sierra Pacific Industries property at Plum Creek. This part of the project will take two weeks. Use caution when using the Plum Creek road due to the heavy truck traffic.

EID crews are working at the Staging areas dismantling the old flume and structures, which were located on the canal bench. The reusable material is being hauled to Camp #5 and stock piled, the trash is being hauled to a landfill.

EID is doing engineering and getting bids on the slide between Flumes 6 and 7. The plan is to fly a drill rig in and set it below the canal. Horizontal drains would be installed to relieve the water pressure against the canal section. Flights will be from the Lower Portal of Alder Creek and Flumes 6 and 7. EID plans on commencing this work November 3, 2003, and should be completed by November 14, 2003.

A letter has been sent to Sierra Pacific Industries requesting permission to install a gate on the access road into Flumes 39 & 40. The work on repairing the slide is processing and the replacing of the generator has taken place. It was noted that there were several stringers that were rotted under the flume and decided to replace them while the crew was in the area. The repairs should be done this week.

The generator has been replaced at Spillway #25 & #27 they are propane powered and have oil containment basins in case of a spill.

The work has been complete at the Alder Creek Diversion Dam but due to the Fire conditions in Southern California EID has not been able to secure a helicopter to fly the unused material and tools from the site. The work required changing the sluice gate, repairing the grizzly gate, repair work on the upstream face of the diversion structure and moving some rocks off the side of the flow channel. The repairs required welding and cement based grout work. All work was done in compliance with our Stream Alteration Agreement.

Work will start this week on the slides 6&7, and 39-40, and the Alder Creek Restoration project on the Lower Portals of Alder Creek Road. The contractor will be Macauley Construction and EID will have an inspector on the site overseeing the work.

Training- Mike Taylor /USFS El Dorado National Forest Conducted this Training:

This Noxious Weed Training was given by the Forest Service on the proper way of cleaning the equipment before it is moved from one location to another to minimize the transporting of noxious weeds. The class was presented professionally and was well received by the employees. There are EID employees assigned to inspect the equipment for being clean before it is allowed into the field. EID has an Equipment Cleaning Log at camp 5 for all equipment transported in forest. Ken Pence with EN2 resources was also present to discuss the proper way to inspect equipment.

Echo Lake

EID is releasing .262 cfs from Echo Lake-to-Lake Tahoe this week and 13.1 cfs through the conduit into the South Fork of the American River. SCADA monitors the flows and the high and low alarms are set for any problems. In addition, the system will be patrolled on a daily basis.

Plans and a schedule are being drawing up to repair or replace the conduit and tunnel at Echo Lake in project phases over the next few years. The slumps and rock fall, which has occurred in the tunnel, have been surveyed and plans are being made to repair them. Safety fence has been installed around the areas of concern.

Caples Lake

Work has been completed on the rip raping of the Caples Lake Main Dam and Auxiliary Dam. EID is acquiring rock from the site at Tragedy Springs, which should help put to rest any concerns about noxious weeds. EID would like to thank the Forest Service and

Ladd Construction Company for allowing the use of the rock. Also the trail at the parapet wall at the Auxiliary Dam is being graded and repaired.

Silver Lake

The radial gates are fully opened and the flashboards removed for winter, plans are to paint the gates and replace the concrete apron in the left groin. Work should start this week.

Lake Aloha

EID is working closely with the proper agencies to acquire permits for Lake Aloha Dam to install a telemetry station and make repairs to the dam, planed for the fall of 2004. An inspection trip was made Oct.29 with US Forest Service, EN2 and EID to check the location of the telemetry site.

A visit was made October 29, 2003 to Lake Aloha.

Staff 5.64 = 29.5 af

**Listed below are the Projects readings for November 3, 2003,
Taken from SCADA:**

	Staff	Ac. Ft.	Draft
Echo Lake	.70	221	0
Echo Conduit	0		0
Echo Creek	1.27		.100 cfs
Caples Lake	52.86	16902	78 cfs
Silver Lake	10.47	3173	26.2 cfs
Pyramid Creek	1.31=3.44cfs		

There is 76.6 cfs being released into the canal at Intake and 67.7 cfs flowing in the South Fork of the American River at Intake.

A-17 Forebay Storage 3,798.0 = 314 ac. ft.

A-18 EID Irrigation Usage is 10 cfs.

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